

United States of America
Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Number SA2334NM

This certificate, issued to Aero Twin, Inc.
3600 W. International Airport Road
Anchorage, Alaska 99502

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product — Type Certificate Number: A37CE
Make: Cessna
Model: 208, 208A

Description of Type Design Change:
Installation of Goodyear 29x11.0-10 10 ply tires (with tubes) on the main landing gear in accordance with Aero Twin, Inc. Drawing No. ATI-29x11-10 dated January 1, 1986, or later FAA approved revision.

Limitations and Conditions:
The approval of this change in type design applies to the basic Cessna Model 208 and 208A airplanes that have been equipped with an FAA approved nose wheel/tire installation. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined by the installer that the modification will introduce no adverse

(See Continuation Sheet Page 3 of 3)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: June 28, 1985

Date issued:

Date of issuance: March 21, 1986

Date amended:



By direction of the Administrator

Dayton O. Curtis
Dayton O. Curtis (Signature)

Anchorage Aircraft Certification Office
Northwest Mountain Region, FAA

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

United States of America
Department of Transportation—Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number SA2334NM

Limitations and Conditions: (Continued)

effect on the airworthiness of that aircraft. This determination should include consideration of significant changes in weight distribution, such as an increase in the fixed disposable weight in the fuselage. Airplanes equipped with this installation must be operated in accordance with FAA approved Airplane Flight Manual Supplement dated March 21, 1986 or later FAA approved revision.

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Aero Twin, Inc.
3600 W. International Airport Rd.
Anchorage, Alaska 99502
(907) 243-7704

FAA APPROVED
AIRPLANE FLIGHT MANUAL SUPPLEMENT
FOR
CESSNA MODEL 208, 208A
REGISTRATION NO. _____
SERIAL NO. _____

This Supplement must be attached to the Delegation Option Authority (DOA) Approved Pilot's Operating Handbook and FAA Approved Airplane Flight Manual dated September 20, 1985 when Goodyear 29x11.0-10 10 ply tires (with tubes) are installed on the main landing gear in accordance with Supplemental Type Certificate (STC) No. SA2334NM. The information contained herein supplements the information of the basic DOA Approved Pilot's Operating Handbook and FAA Approved Airplane Flight Manual. For limitations, procedures and performance information not contained in this Supplement, consult the basic Pilot's Operating Handbook and FAA Approved Airplane Flight Manual.

I. LIMITATIONS: Unchanged

II. PROCEDURES: Unchanged, except as noted below:

Inflate/Maintain Tire Pressure as Shown:

<u>Aircraft Model</u>	<u>Tire Pressure (± 0.5 psi)</u>
208, 208A	22.0 psi

III. PERFORMANCE: Unchanged

IV. WEIGHT AND BALANCE DATA: The weight of each wheel/brake/tire assembly with Goodyear 29x11.0-10 10 ply tire (+tube) is:

60.1 lb/assembly @ (+197.4)

FAA APPROVED:


Dayton O. Curtis, Manager
Anchorage Aircraft Certification Office
Northwest Mountain Region, FAA

DATE: March 21, 1986

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U.S. Department
of Transportation
**Federal Aviation
Administration**

Alaskan Region

701 C Street, Box 14
Anchorage, Alaska
99513

March 21, 1986

Aero Twin, Inc.
3600 W. International Airport Road
Anchorage, Alaska 99502
Attn: Mr. Tony Cestnik

Subject: Transmittal of Supplemental Type Certificate

Dear Mr. Cestnik:

We are enclosing Supplemental Type Certificate (STC) #SA2334NM, which constitutes FAA approval of the installation of Goodyear 29x11.0-10 10 ply tires (with tubes) on the main landing gear of Cessna Model 208 Series airplanes.

Also enclosed is an FAA sealed copy of Aero Twin, Inc. Drawing No. ATI-29x11-10 dated January 1, 1986.

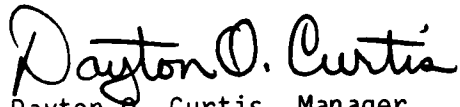
In addition, we have enclosed an FAA approved copy of the Airplane Flight Manual Supplement for this installation dated March 21, 1986.

The Certificate signifies approval of the change and authorizes modification of the aircraft models listed on the Certificate. The Certificate may be transferred or made available to others by means such as a licensing arrangement in accordance with FAR 21.47. You are requested to advise this office within 30 days after the transfer when you transfer or grant licensee rights to the STC in order that we may take the necessary recording or reissuance action.

As recipient of this approval, except as provided in FAR 21.3(d), you are required to report any failure, malfunction, or defect in any product or part manufactured by you that you have determined has resulted or could result in any of the occurrences listed in FAR 21.3(c). The report should be communicated initially by telephone to the Manager, Anchorage Aircraft Certification Office, telephone 907-271-5927, within 24 hours after it has been determined that the failure has occurred. In addition, written notification to the Manager, Anchorage Aircraft Certification Office, 701 C Street, Box 14, ANM-100A, Anchorage, Alaska 99513, is required. FAA Form 8330-2 (Malfunction or Defect Report) or any other appropriate format is acceptable in transmitting the required details.

If you plan to manufacture (or have others manufacture for you) replacement or modification parts for sale in conformance with approved data listed on the Certificate, you are required to comply with Section 21.303 of the Federal Aviation Regulations. A Parts Manufacturer Approval (PMA) may be issued under the provisions of FAR 21.303(d) when you submit a statement certifying that you have established a fabrication inspection system as required by FAR 21.303(h). The identification requirements for parts produced under a PMA are in FAR Part 45, Section 45.15. Your statement may be in letter form, with a reference to the STC number, and should be addressed: Federal Aviation Administration, Aircraft Certification Office, 701 C Street, Box 14, Anchorage, Alaska 99513, Attn: ANM-100A

Sincerely,

A handwritten signature in black ink that reads "Dayton O. Curtis". The signature is written in a cursive style with a large, looped "D" and "C".

Dayton O. Curtis, Manager
Anchorage Aircraft Certification Office

Enclosures (3)